

Lead Pencil and Art Good Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U.S. CENSUS BUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) |
|--|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | |
| 339942, Lead pencil and art good manufacturing | 138 | 143 | 5 957 | 182 521 | 4 326 | 8 323 | 112 000 | 915 025 | 589 139 | 1 513 701 | '35 301 |
| 2002.. | N | N | 6 234 | 173 535 | 5 010 | 9 758 | 106 903 | 704 110 | 476 956 | 1 182 959 | 25 704 |
| 2001.. | N | N | 6 449 | 172 750 | 5 096 | 9 824 | 102 535 | 634 256 | 543 535 | 1 194 715 | 23 168 |
| 2000.. | N | N | 6 763 | 182 058 | 5 322 | 9 683 | 111 576 | 756 482 | 530 101 | 1 311 081 | 31 354 |
| 1999.. | N | N | 7 313 | 201 377 | 5 496 | 11 823 | 123 019 | 746 547 | 524 571 | 1 251 060 | 45 351 |
| 1998.. | N | N | 8 255 | 207 661 | 6 329 | 12 755 | 125 819 | 810 183 | 454 383 | 1 278 701 | 30 530 |
| 1997.. | 171 | 174 | | | | | | | | | |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | E ¹ | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | |
| 339942, Lead pencil and art good manufacturing | | | | | | | | | | | |
| United States..... | 1 | 143 | 45 | 5 957 | 182 521 | 4 326 | 8 323 | 112 000 | 915 025 | 589 139 | 1 513 701 |
| California | 1 | 22 | 4 | 755 | 22 672 | 462 | 1 019 | 14 088 | 78 876 | 65 159 | 146 230 |
| Illinois | 2 | 12 | 8 | 895 | 31 126 | 575 | 1 118 | 15 306 | 149 681 | 128 994 | 278 577 |
| New Jersey | 1 | 11 | 4 | 264 | 8 351 | 153 | 333 | 4 431 | 31 522 | 20 109 | 49 895 |
| New York | 2 | 9 | 1 | 127 | 4 388 | 66 | 132 | 1 482 | 10 812 | 6 719 | 17 626 |
| Ohio | - | 9 | 4 | 297 | 9 541 | 178 | 379 | 4 801 | 24 286 | 17 980 | 43 273 |
| Oregon | 7 | 8 | 1 | 211 | 5 368 | 172 | 304 | 3 260 | 17 849 | 17 495 | 35 434 |
| Tennessee..... | 2 | 7 | 6 | 1 015 | 26 509 | 828 | 1 304 | 18 819 | 83 528 | 67 212 | 152 837 |
| | | | | | | | | | | | |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|---------------------|
| 339942, Lead pencil and art good manufacturing | |
| Companies ¹ | number.. 138 |
| All establishments ² | number.. 143 |
| Establishments with 1 to 19 employees | number.. 98 |
| Establishments with 20 to 99 employees | number.. 28 |
| Establishments with 100 employees or more | number.. 17 |
| All employees ³ | number.. 5 957 |
| Total compensation | \$1,000.. 232 849 |
| Annual payroll | \$1,000.. 182 521 |
| Total fringe benefits | \$1,000.. 50 328 |
| Production workers, average for year | number.. 4 326 |
| Production workers on March 12 | number.. 4 340 |
| Production workers on May 12 | number.. 4 315 |
| Production workers on August 12 | number.. 4 401 |
| Production workers on November 12 | number.. 4 251 |
| Production worker hours | 1,000.. 8 323 |
| Production worker wages | \$1,000.. 112 000 |
| Total cost of materials | \$1,000.. 589 139 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 438 143 |
| Resales | \$1,000.. 131 781 |
| Purchased fuels | \$1,000.. 3 613 |
| Purchased electricity | \$1,000.. 8 068 |
| Contract work | \$1,000.. 7 534 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 131 778 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. – |
| Total value of shipments | \$1,000.. 1 513 701 |
| Primary products value of shipments | \$1,000.. 1 043 550 |
| Secondary products value of shipments | \$1,000.. 251 515 |
| Total miscellaneous receipts | \$1,000.. 218 636 |
| Value of resales | \$1,000.. 215 157 |
| Contract receipts | \$1,000.. D |
| Other miscellaneous receipts | \$1,000.. D |
| Primary products specialization ratio | percent.. 81 |
| Value of primary products shipments made in all industries | \$1,000.. 1 168 172 |
| Value of primary products shipments made in this industry | \$1,000.. 1 043 550 |
| Value of primary products shipments made in other industries | \$1,000.. 124 622 |
| Coverage ratio | percent.. 89 |
| Value added | \$1,000.. 915 025 |
| Total inventories, beginning of year | \$1,000.. 261 229 |
| Finished goods inventories | \$1,000.. 111 809 |
| Work-in-process inventories | \$1,000.. 28 219 |
| Materials and supplies inventories | \$1,000.. 121 201 |
| Total inventories, end of year | \$1,000.. 198 978 |
| Finished goods inventories | \$1,000.. 97 492 |
| Work-in-process inventories | \$1,000.. 32 999 |
| Materials and supplies inventories | \$1,000.. 68 487 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. 475 673 |
| Total capital expenditures (new and used) | \$1,000.. '35 301 |
| Buildings and other structures (new and used) | \$1,000.. '7 395 |
| Machinery and equipment (new and used) | \$1,000.. '27 906 |
| Automobiles, trucks, etc., for highway use | \$1,000.. '1 071 |
| Computers and peripheral data processing equipment | \$1,000.. '3 660 |
| All other expenditures for machinery and equipment | \$1,000.. '23 175 |
| Total retirements | \$1,000.. '19 241 |
| Gross value of depreciable assets at end of year | \$1,000.. '491 733 |
| Depreciation charges during year | \$1,000.. '32 160 |
| Total rental payments | \$1,000.. 17 865 |
| Buildings and other structures | \$1,000.. 10 968 |
| Machinery and equipment | \$1,000.. 6 897 |
| Total other expenses ⁴ | \$1,000.. 37 163 |
| Response coverage ratio ⁵ | percent.. 78 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 3 979 |
| Communications services ⁴ | \$1,000.. 774 |
| Legal services ⁴ | \$1,000.. 863 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 601 |
| Advertising and promotional services ⁴ | \$1,000.. 4 662 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 1 304 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 1 223 |
| Management consulting and administrative services ⁴ | \$1,000.. 1 266 |
| Taxes and license fees ⁴ | \$1,000.. 4 870 |
| All other expenses ⁴ | \$1,000.. 17 621 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All estab- lishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) |
|--|----------------|--------------------------------------|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|--|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 339942, Lead pencil and art good manufacturing | | | | | | | | | | | |
| All establishments | 1 | 143 | 5 957 | 182 521 | 4 326 | 8 323 | 112 000 | 915 025 | 589 139 | 1 513 701 | '35 301 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 9 | 53 | 103 | 2 758 | 81 | 148 | 1 956 | 10 289 | 7 657 | 17 946 | '267 |
| 5 to 9 employees | 7 | 26 | 183 | 5 609 | 129 | 261 | 3 458 | 18 167 | 14 500 | 32 738 | '712 |
| 10 to 19 employees | 5 | 19 | 257 | 8 363 | 184 | 343 | 5 039 | 32 848 | 26 424 | 59 328 | '781 |
| 20 to 49 employees | 2 | 17 | 498 | 14 914 | 327 | 613 | 6 820 | 69 965 | 50 432 | 119 707 | '1 194 |
| 50 to 99 employees | 1 | 11 | 766 | 23 135 | 528 | 1 034 | 13 087 | 93 783 | 69 062 | 160 745 | '5 671 |
| 100 to 249 employees | 5 | 11 | 1 533 | 45 947 | 1 148 | 2 175 | 27 824 | 125 487 | 102 390 | 232 464 | '3 749 |
| 250 to 499 employees | 1 | 4 | 9 | D | D | D | D | D | D | D | D |
| 500 to 999 employees | — | 2 | 9 | D | D | D | D | D | D | D | D |
| 1,000 to 2,499 employees | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 74 | 275 | 7 606 | 214 | 412 | 5 490 | 29 250 | 22 025 | 51 275 | '789 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|---|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 339942 | Lead pencil and art good manufacturing | 143 | 5 957 | 182 521 | 4 326 | 8 323 | 112 000 | 915 025 | 589 139 | 1 513 701 | '35 301 |
| 3399421 | Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards | 17 | 2 883 | 90 496 | 2 247 | 4 058 | 59 139 | 514 427 | 263 822 | 788 945 | '17 253 D |
| 3399423 3399427 | Artists' equipment and materials Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers | 26 | 1 794 | 50 119 | 1 276 | 2 705 | 31 445 | 196 101 | 150 248 | 346 564 | |
| | | 6 | 634 | 24 191 | 361 | 713 | 10 515 | 143 812 | 122 759 | 265 609 | D |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|---|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 339942 | Lead pencil and art good manufacturing | 2002.. | N | X | 1 168 172 |
| | | 1997.. | N | X | 1 104 610 |
| 3399421 | Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards | 2002.. | N | X | 494 448 |
| | | 1997.. | N | X | 497 609 |
| 33994211 | Nonmechanical (wood-cased) pencils and graphite and colored sticks | 2002.. | N | X | D |
| | | 1997.. | N | X | 257 991 |
| 3399421101 | Nonmechanical (wood-cased) black graphite pencils | 2002.. | 14 | X | 185 267 |
| | | 1997.. | 12 | X | 176 020 |
| 3399421106 | Other nonmechanical (wood-cased) pencils and graphite and colored sticks, including colored and indelible nonmechanical pencils and refill sticks for mechanical pencils sold separately | 2002.. | 9 | X | D |
| | | 1997.. | 6 | X | 81 971 |
| 33994212 | Chalk and crayons, including tailors' chalk (excluding artists' chalk and crayons) | 2002.. | N | X | D |
| | | 1997.. | N | X | 165 456 |
| 3399421211 | Chalk and crayons, including tailors' chalk (excluding artists' chalk and crayons) | 2002.. | 7 | X | D |
| | | 1997.. | 9 | X | 165 456 |
| 33994213 | Blackboards..... | 2002.. | N | X | 96 018 |
| | | 1997.. | N | X | 66 866 |
| 3399421316 | Blackboards..... | 2002.. | 7 | X | 96 018 |
| | | 1997.. | 10 | X | 66 866 |
| 3399421Y | Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards, nsk..... | 2002.. | N | X | - |
| | | 1997.. | N | X | 7 296 |
| 3399421YWV | Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards, nsk..... | 2002.. | N | X | - |
| | | 1997.. | N | X | 7 296 |
| 3399423 | Artists' equipment and materials | 2002.. | N | X | 411 597 |
| 33994231 | Artists' equipment, including airbrushes, children's school art equipment, drawing tables and boards, palettes, sketch boxes, pantographs, and pyrography goods (excluding artists' brushes) | 2002.. | N | X | 284 932 |
| | | 1997.. | N | X | 130 845 |
| 3399423101 | Artists' equipment, including airbrushes, children's school art equipment, drawing tables and boards, palettes, sketch boxes, pantographs, and pyrography goods (excluding artists' brushes) | 2002.. | N | X | 53 060 |
| | | 1997.. | N | X | 130 845 |
| 33994232 | Other art materials, including artists' chalk and crayons, modeling clay and other modeling material, tempera colors, fingerpaint, block printing ink, and watercolors (excluding drawing and India ink) | 2002.. | 21 | X | 130 845 |
| | | 1997.. | 25 | X | 53 060 |
| 3399423206 | Other art materials, including artists' chalk and crayons, modeling clay and other modeling material, tempera colors, fingerpaint, block printing ink, and watercolors (excluding drawing and India ink) | 2002.. | N | X | 272 347 |
| | | 1997.. | N | X | 231 872 |
| 3399423Y | Artists' equipment and materials, nsk | 2002.. | N | X | 8 405 |
| 3399423YWV | Artists' equipment and materials, nsk | 2002.. | N | X | N |
| | | 1997.. | N | X | 8 405 |
| | | 1997.. | N | X | N |
| 3399427 | Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers | 2002.. | N | X | 170 810 |
| | | 1997.. | N | X | N |
| 33994271 | Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers | 2002.. | N | X | 170 810 |
| | | 1997.. | N | X | N |
| 3399427100 | Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple, staple removers, and staplers ¹ | 2002.. | 7 | X | 170 810 |
| | | 1997.. | N | X | N |
| 339942W | Lead pencil and art good manufacturing, nsk, total | 2002.. | N | X | 91 317 |
| 339942WY | Lead pencil and art good manufacturing, nsk, total | 1997.. | N | X | 93 651 |
| 339942WYWW | Lead pencil and art good manufacturing, nsk, for nonadministrative-record establishments | 2002.. | N | X | 91 317 |
| | | 1997.. | N | X | 93 651 |
| 339942WYWy | Lead pencil and art good manufacturing, nsk, for administrative-record establishments | 2002.. | N | X | 45 193 |
| | | 1997.. | N | X | 71 518 |
| | | 1997.. | N | X | 46 124 |
| | | 1997.. | N | X | 22 133 |

¹For additional detail, see Current Industrial Report MA334R, Computers and Office and Accounting Machines.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p=10 to 19 percent estimated; q=20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|--|--------------------------------------|
| 3399421 | Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards | |
| | United States..... | 2002.. 494 448 1997.. 497 609 |
| | Ohio | 2002.. 20 828 1997.. N |
| | Tennessee..... | 2002.. 138 283 1997.. 193 355 |
| 3399423 | Artists' equipment and materials | |
| | United States..... | 2002.. 411 597 1997.. 284 932 |
| | Illinois | 2002.. 43 657 1997.. 34 793 |
| | New Jersey | 2002.. 19 942 1997.. 51 594 |
| 3399427 | Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers | |
| | United States..... | 2002.. 170 810 1997.. N |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|---|-------------------|--------------------------|
| 339942 | Lead pencil and art good manufacturing | | |
| 00900001 | Total materials | 2002.. X 438 143 | 438 143 |
| | | 1997.. X 408 848 | 408 848 |
| 32100001 | Lumber and wood products (excluding furniture)..... | 2002.. X 26 332 | 26 332 |
| | | 1997.. X 40 661 | 40 661 |
| 32221001 | Paperboard containers, boxes, and corrugated paperboard | 2002.. X 32 136 | 32 136 |
| | | 1997.. X 39 789 | 39 789 |
| 32513005 | Pigments, lakes, and toners (organic and inorganic) | 2002.. X 35 216 | 35 216 |
| | | 1997.. X 28 451 | 28 451 |
| 32500059 | Other chemicals and allied products | 2002.. X 32 839 | 32 839 |
| | | 1997.. X 30 357 | 30 357 |
| 32610013 | Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes | 2002.. X 30 925 | 30 925 |
| | | 1997.. X 36 525 | 36 525 |
| 33200005 | Fabricated metal products, including forgings | 2002.. X D 11 835 | D |
| | | 1997.. X D | D |
| 33994100 | Pens and mechanical pencils parts | 2002.. X 4 796 | 4 796 |
| | | 1997.. X 134 086 | 134 086 |
| 00970099 | All other materials and components, parts, containers, and supplies..... | 2002.. X 144 517 | 144 517 |
| | | 1997.. X 134 668 | 134 668 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk | 2002.. X 71 917 | 71 917 |
| | | 1997.. X | |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p=10 to 19 percent estimated; q=20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.